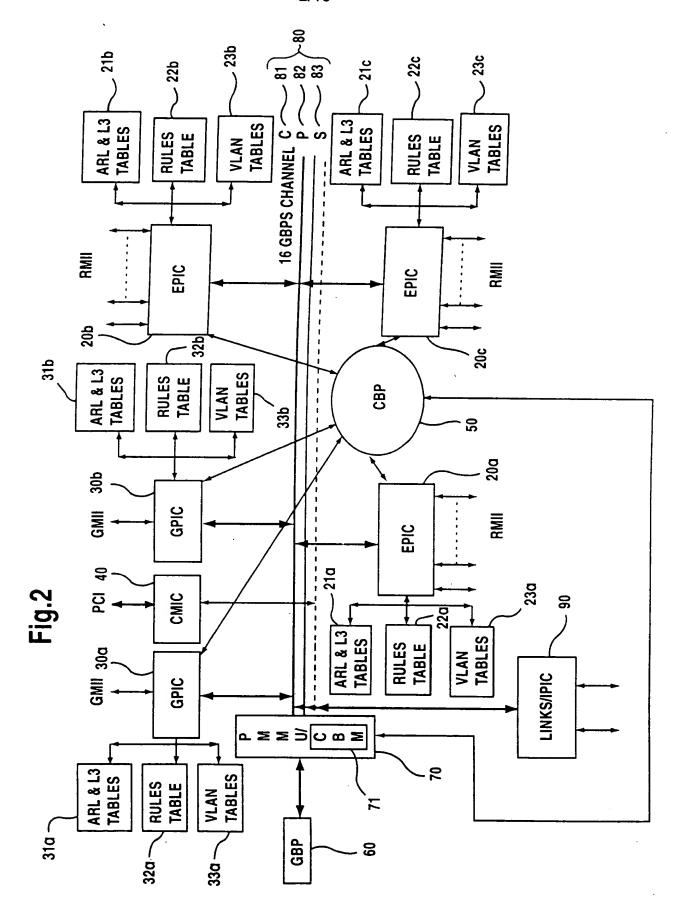
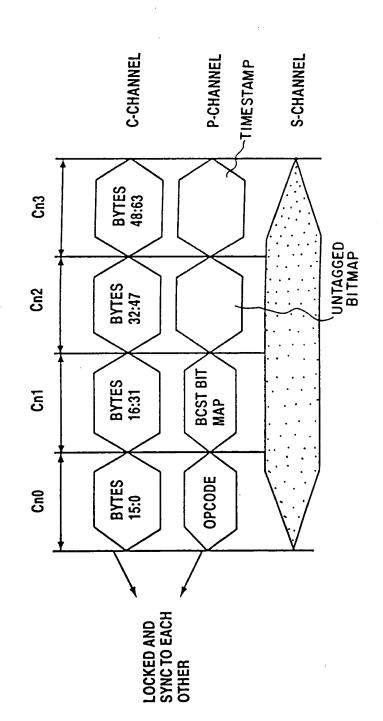


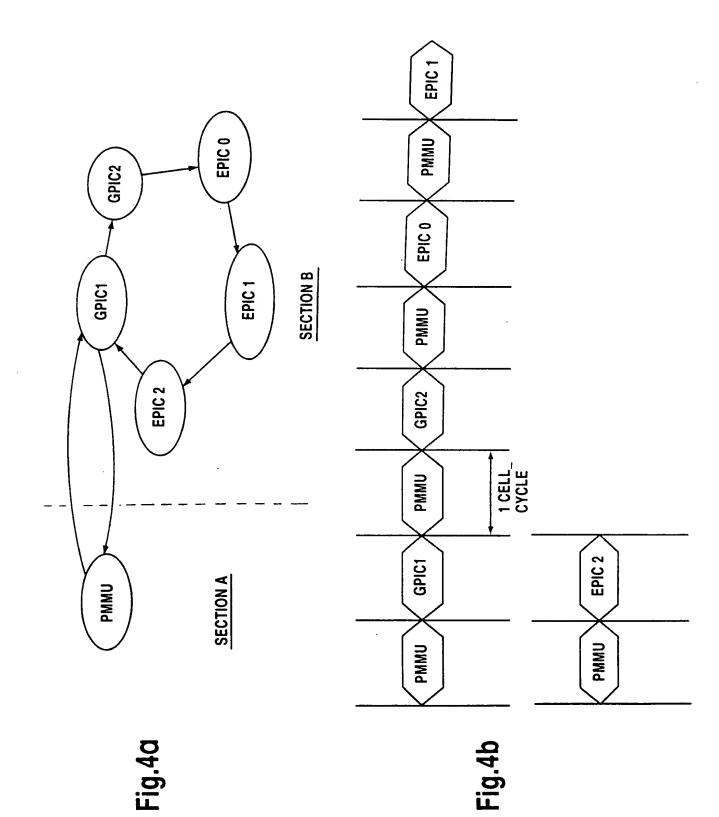
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Fig.3





Figiz

## PROTOCOL CHANNEL MESSAGES

6 4 2 0	O	
8	<u>م</u>	
9	င္မင	
12	ω Ш	
14	7	
16	SOO	
18	ORT	
20	SRC DEST PORT	
22	SRC	
24	NXT	
26	RESERVED	
28	_ <u>_</u> ~ ×	
30	OP CODE	

[	<b>,</b>	
6		
6 4		
8		
2		
12	TBITMAI	
14	MIC PORTBI	
16	BC/I	
18		
20		
22		
24		-
76		
78	RESERVED	
30	RESER	

26 24 22 20 18 16 14 12 10 8 6 4 2 0	UNTAGGED PORTBITMAP/SRC PORT NUMBER (BITO5)	
28	RES	
30	n	

12 10 8 6 4 2 0	TIMESTAMP	
14		
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18		
20	S	
22	CPU OPCODES	
24	CPU (	
26		
28		
30		

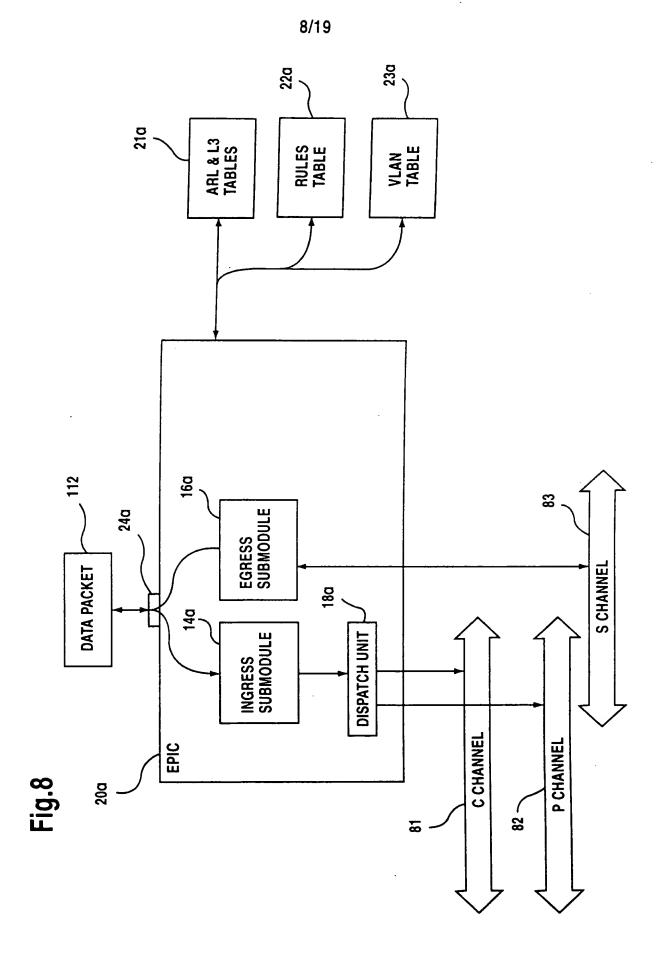
Fig.6

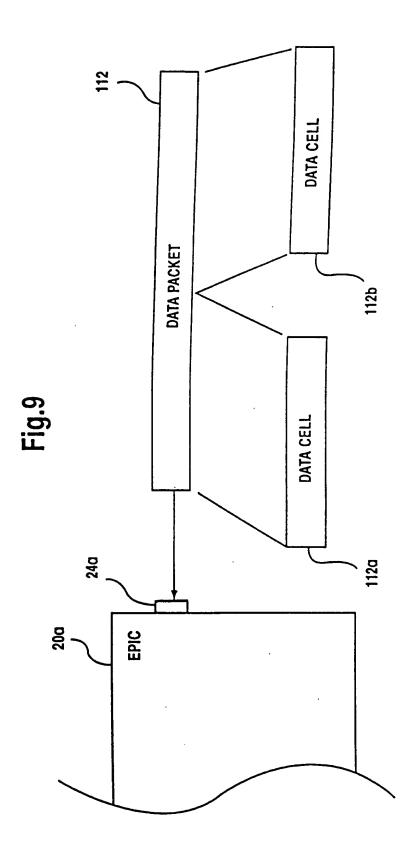
SIDE BAND CHANNEL MESSAGES

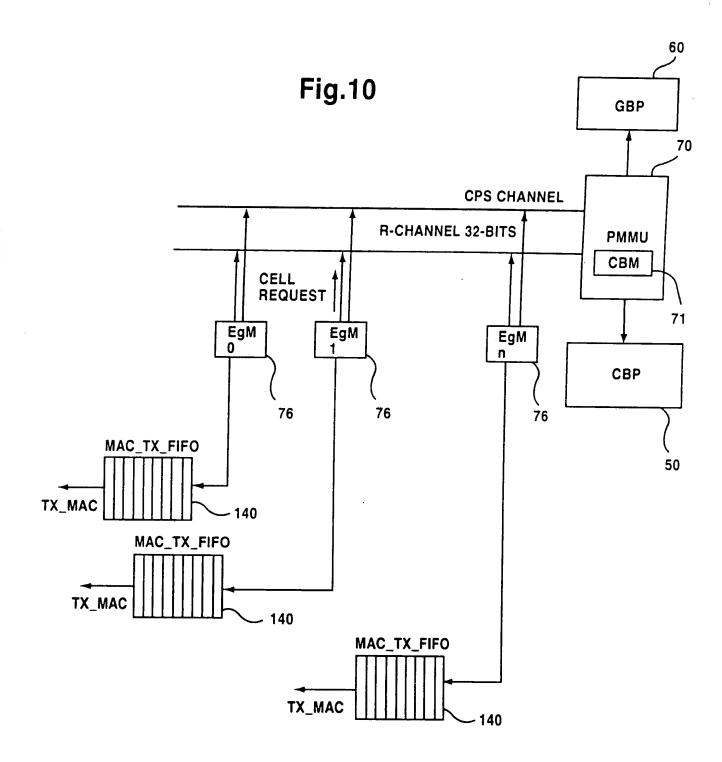
_	U	$\prod$	
2	S00		
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9	ш		
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80	z		
10	DATA LEN		
12			
14	<u></u>	ESS	TA
16	SRC PORT	ADDRESS	DATA
18	S		
20	NO NO		
22	DEST PORT/ DESTINATION DEV ID		
24	300		
26	<b>9</b>		
28	OPCODE		
30			

## Fig.7 PRIOR ART

LAYER SEVEN- APPLICATION
LAYER SIX PRESENTATION
LAYER FIVE- SESSION
LAYER FOUR- TRANSPORT
LAYER THREE- NETWORK
LAYER TWO- DATA LINK
LAYER ONE- PHYSICAL



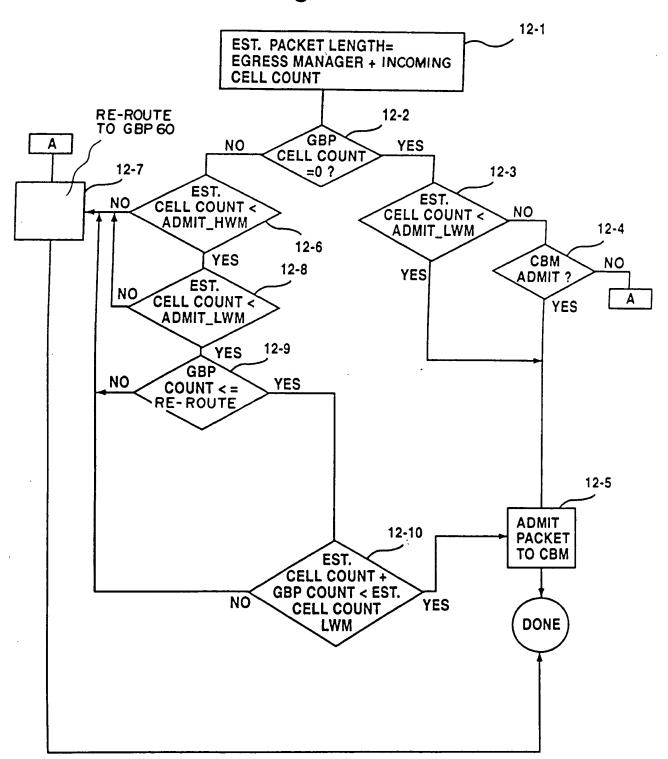




## nosesso eseco

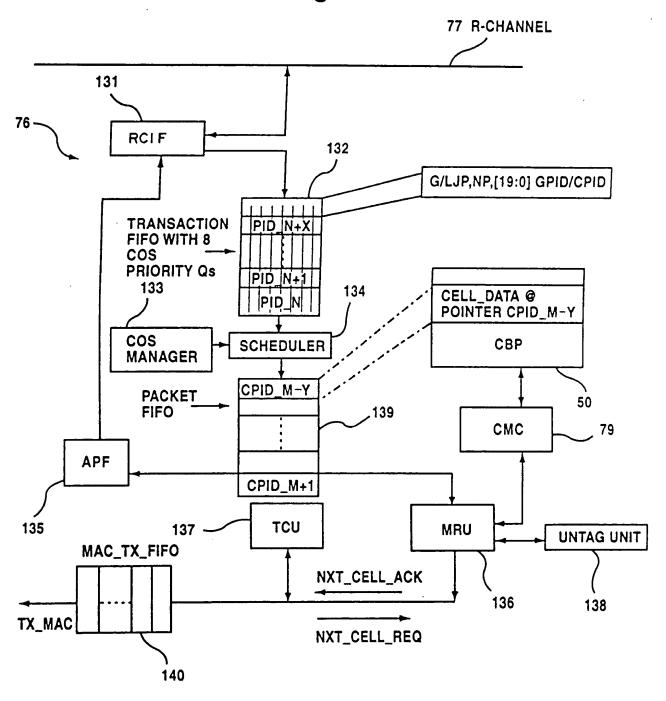
FC LC BC/MC  CPY_CNT(5b)   CELL_LENGTH (7b)   CRC (2b)   NC_HEADER (16b)   SRC COUNT(6)   IPX   IP     ITIME_STAMP (14b)   O BITS(2b)   P   NEXT CELL LEN (2b)   CPU OPCODE (4b)   CELL_DATA (0-9B)	CELL_DATA (10-27) BYTES	CELL_DATA (28-45) BYTES	CELL_DATA (46-63) BYTES
LINE 0 —	LINE 1	LINE 2	LINE 3
LINE (	LINE 1	LINE 2	LINE 3

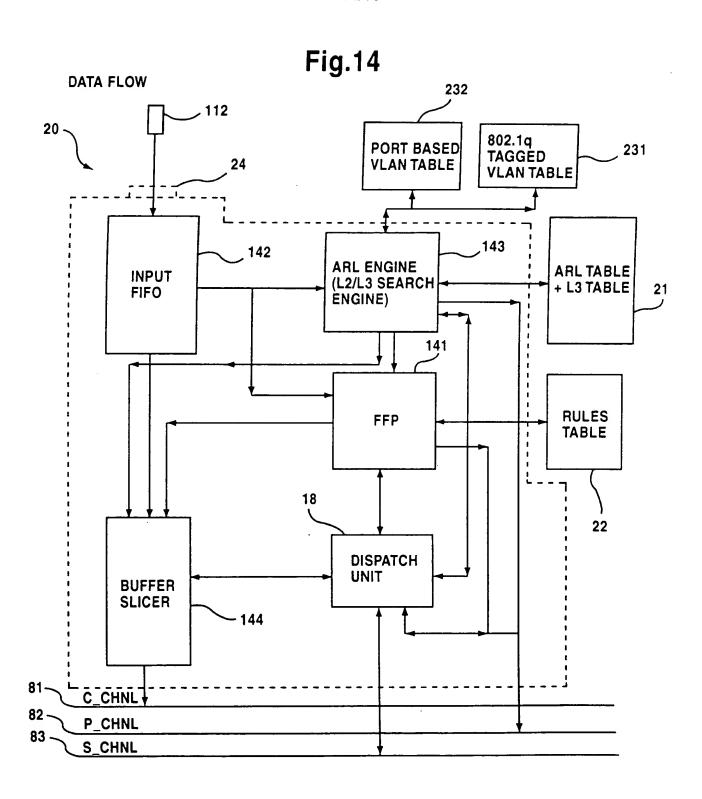
Fig.12



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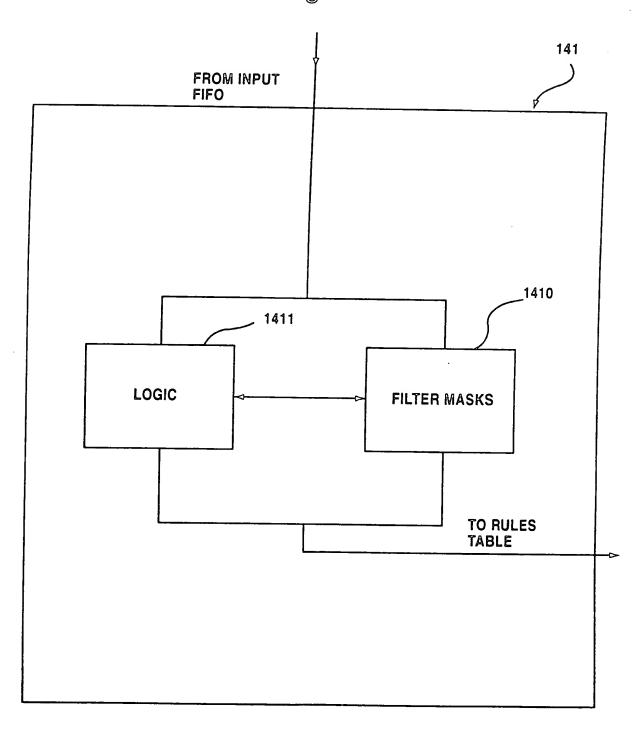
Fig.13



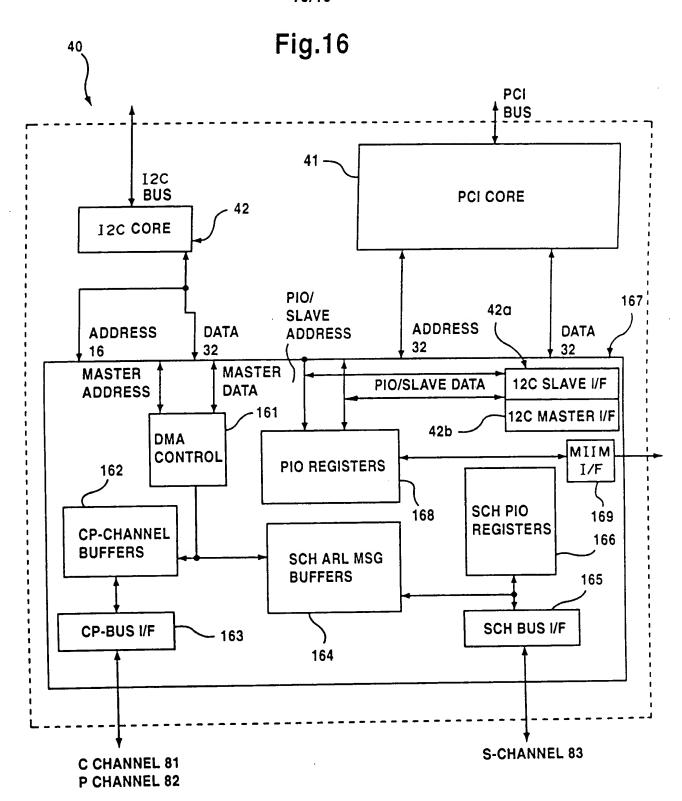


15/19

Fig.15



16/19



17/19

Fig.17

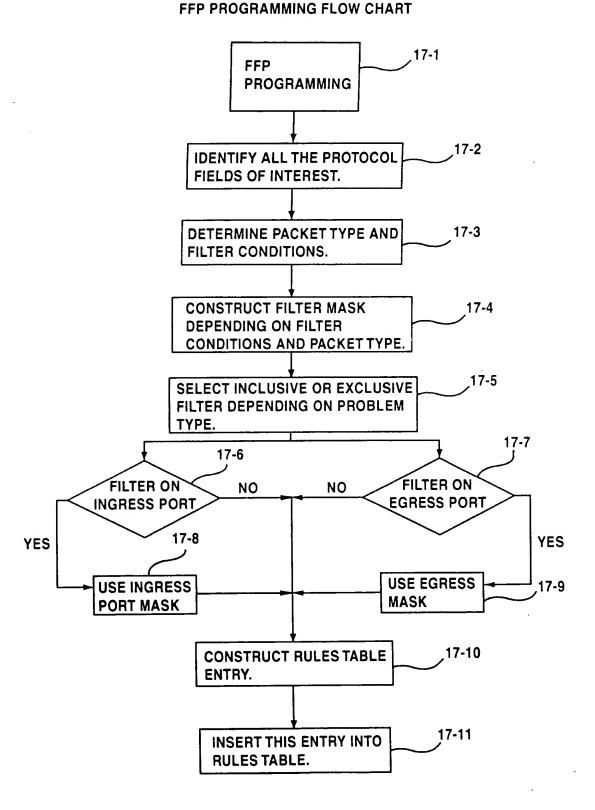
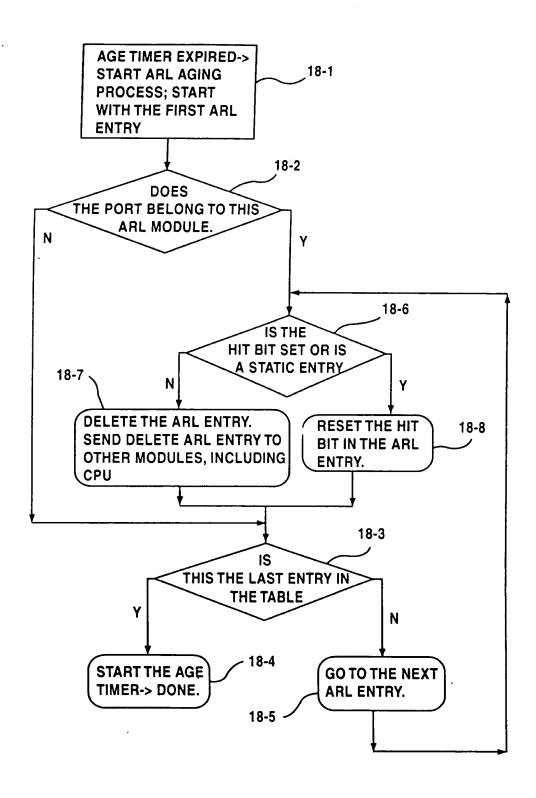
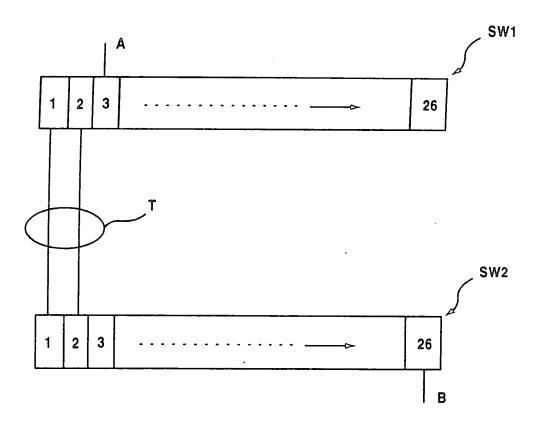


Fig.18

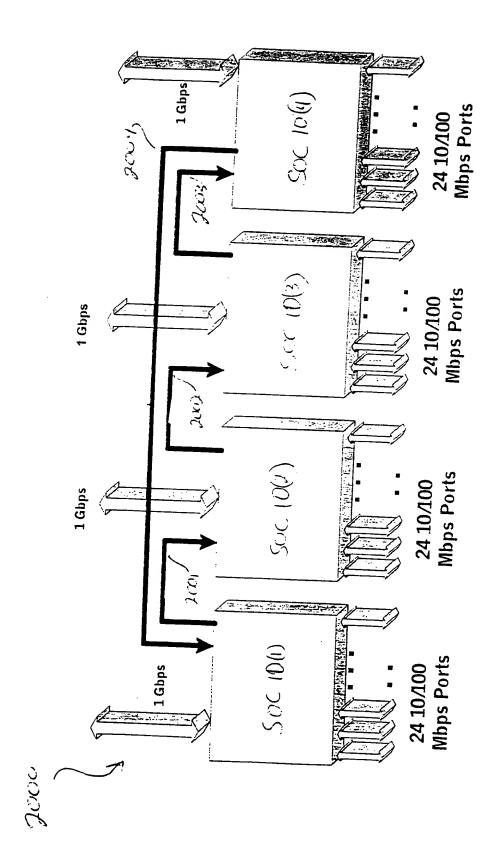


19/19

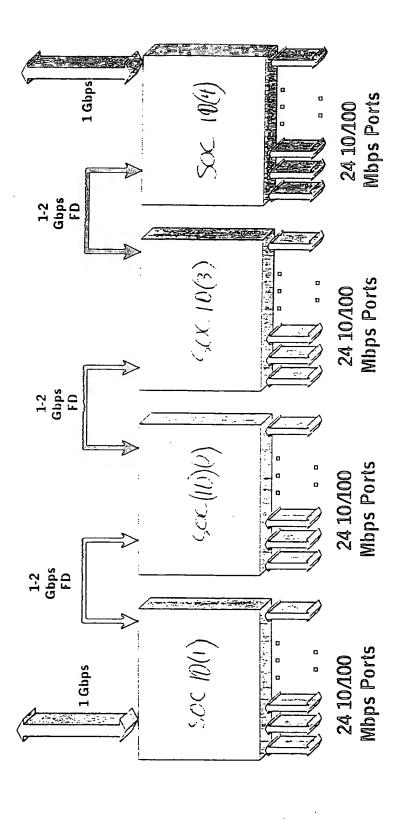
Fig.19



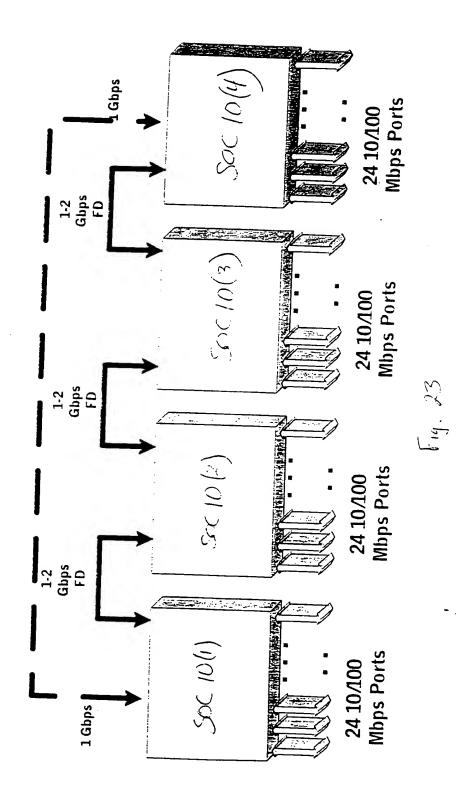
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F19.23

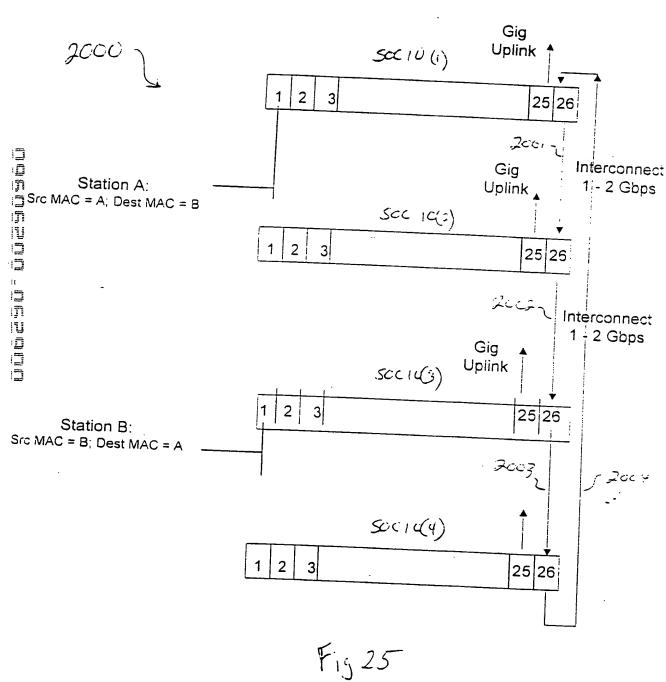


DA (6B) SA (6B) VLAN Tag Stack Tag(4B) Type/Len (2B) Data

Fg. 244

15

Stack         SRC_         SRC_         SRC_         DST_         DST_         PFM         M         MD         Res           Count         T         TGID         RTAG         T         TGID         RTAG         (2b)         (1b)         (1b)         (9)           (5b)         (1b)         (3b)         (3b)         (1b)         (3b)         (3b)         (3b)         (3b)         (3b)         (3b)         (3b)         (3b)         (2b)         (1b)         (9)	Stack Count (5b)	SRC_ T (1b)	SRC_ TGID (3b)	SRC_ RTAG (3b)	DST_ T (1b)	DST_ TGID (3b)	DST_ RTAG (3b)	PFM (2b)	M (1b)	MD (1b)	Res (9)	
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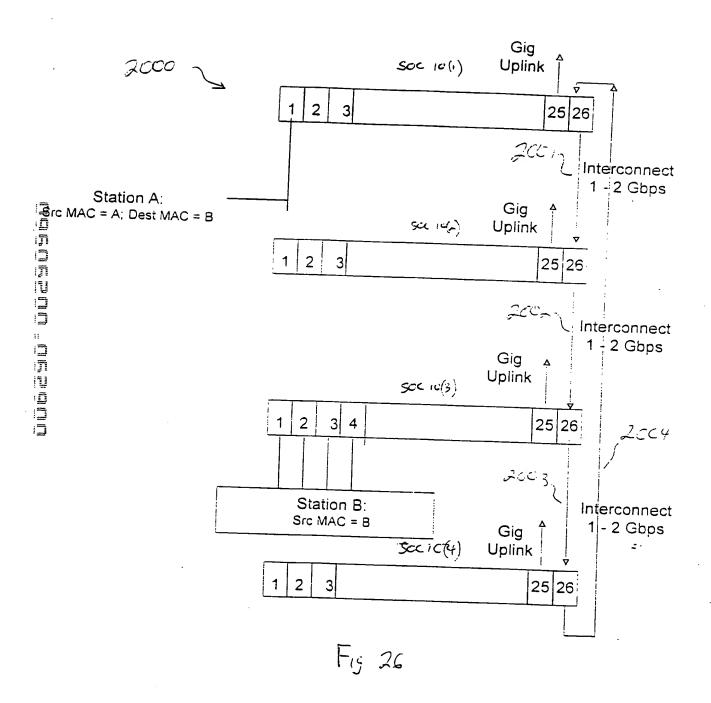


Fig. 27 A

Port Number	Mac Address	Vlan ID	T	TGID	RTAG	
1	A	1	0	X	X	
26	В	1	1	2	2	

Fy. 27B

Port Number	Mac Address	Vlan ID	T	TGID	RTAG
26	A	1	0	X	X
26	В	. 1	1	2	2

Fig. 270

Port Number	Mac Address	Vlan ID	T	TGID	RTAG
26	A	1	0	X	X
1	В	l	1	2	2

Fig. 27D

	Port Number	Mac Address	Vlan ID	T	TGID	RTAG
)	26	A	1	0	X	X
	26	В	: 1	1	2	2

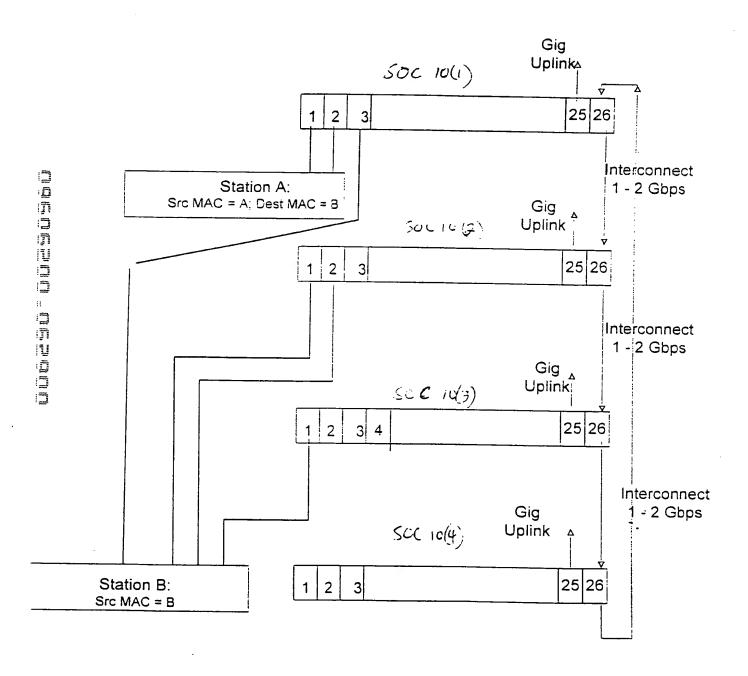
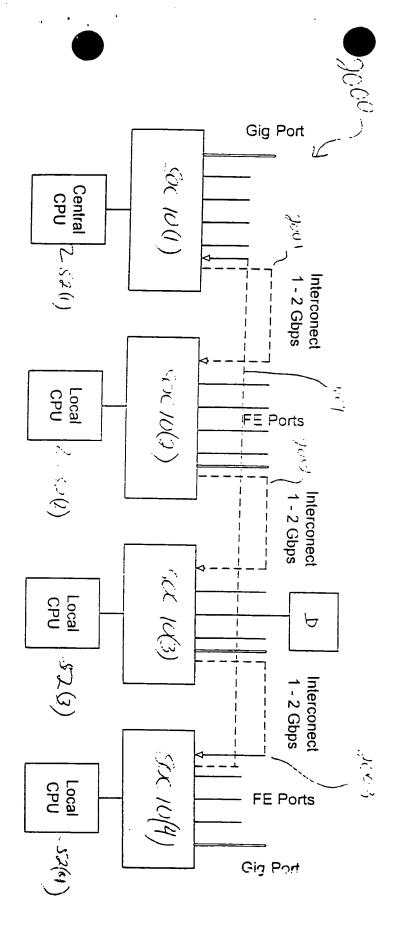
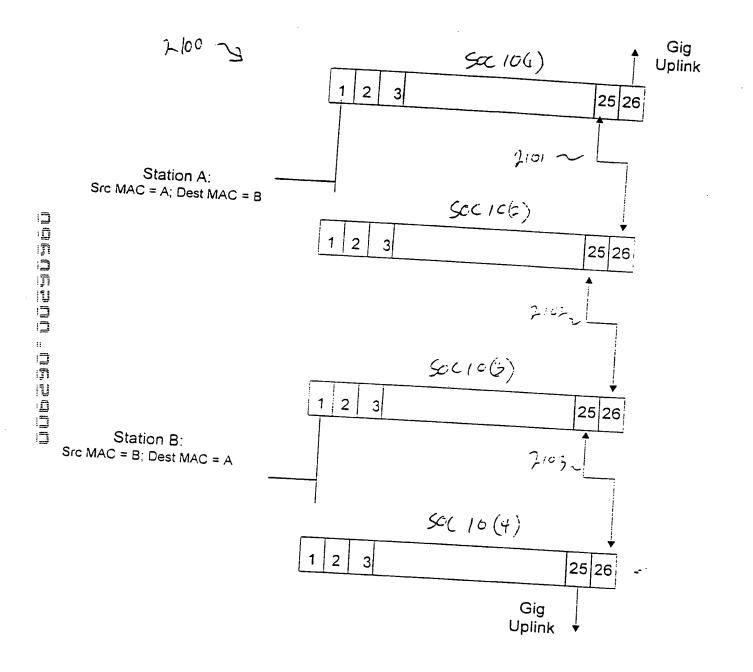
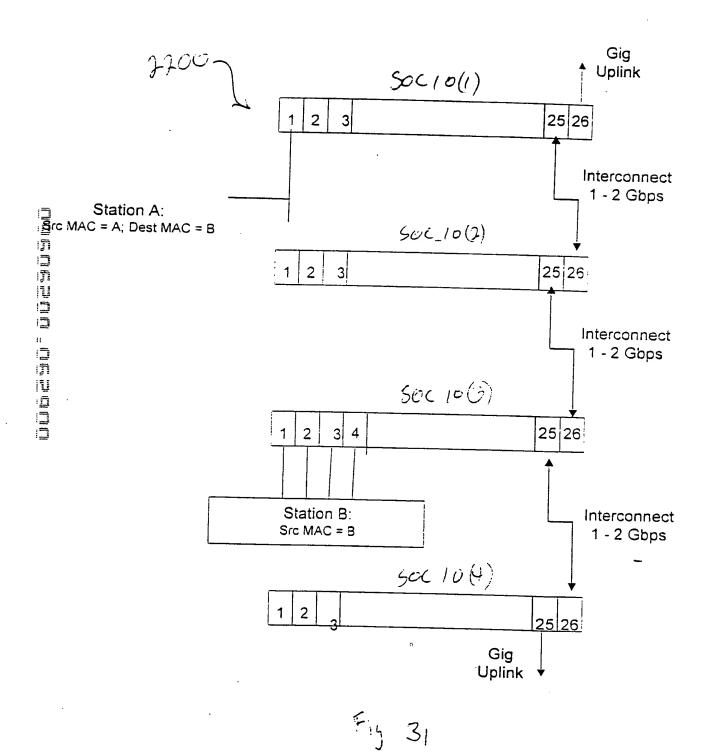


Fig. 28





F., 30



Fg 324

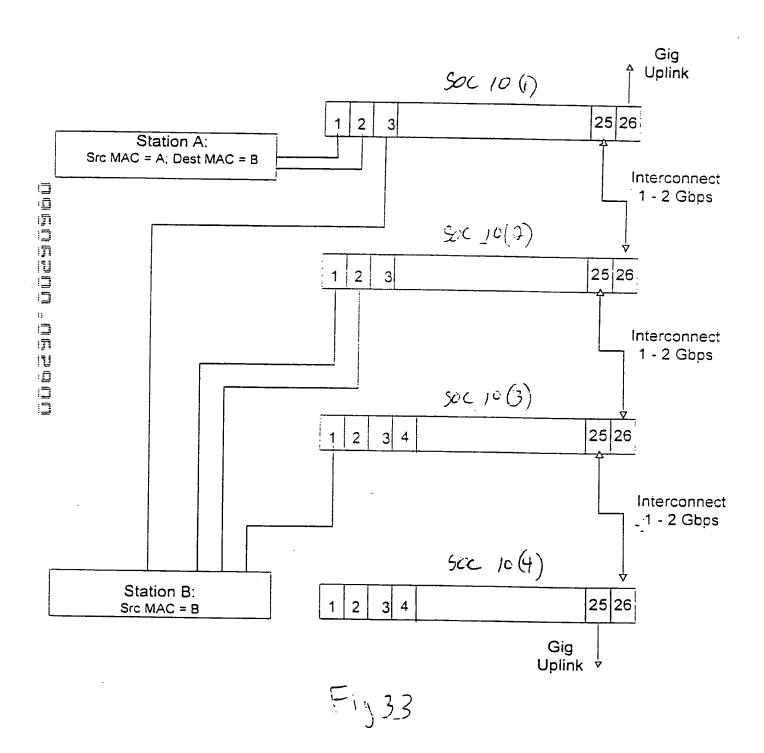
Port Number	Mac Address	Vlan ID	T	TGID	RTAG
1	A	1	0	X	X
25	В	1	1	2	2

Port Number	Mac Address	Vlan ID	T	TGID	RTAG
26	A	1	0	X	X
25	В	1	1	2	2

Port Number	Mac Address	Vlan ID	T	TGID	RTAG
26	A	1	0	X	X
1	В	1	1	2	2

F 320

Port Number	Mac Address	Vlan ID	T	TGID	RTAG
26	A	1	0	X	X



Fg. 34A

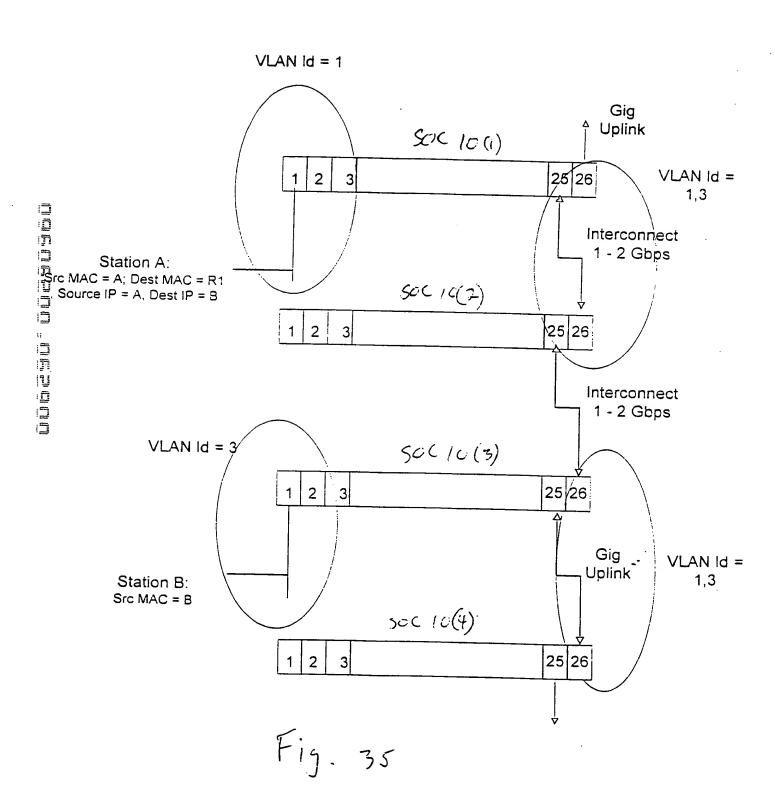
Port Number	Mac Address	Vlan ID	T	TGID	RTAG
1	A	1	1	1	
25	В	1	1		12

Port Number	Mac Address	Vlan ID	T	TGID	RTAG
26	A	! 1	1	1	
25	В	1	: 1	12	12

Port Number	Mac Address	Vlan ID	T	TGID	RTAG
26	A	ļ ! ·	1	1	1
1	В	1	1	2	2

Fy 340

Port Number	Mac Address	Vlan ID	T	TGID	RTAG
26	A	l	1	1	1



Trunk Group Table for SW1:

TGID	TP0	TPI	TP2	TP2   TP3					
			11-	IFS	1124	TP5	TP6	TP7	TG
2	25	1 25	125	125	1 2	<u> </u>	<u> </u>	1	Size
			123	23	X	X	X	X	14

Trunk Group Table for SW2:

TGID	TPO	TPI	TP2	TP3	TP≟	TP5	TP6	TP7	TG
2	25	25	25	25	X	X	X	T Y	Size

Trunk Group Table for SW3:

TGID				TP3	TP4	TP5	TP,6	TP7	
2	l	2	3	1 4	X	X	X	X	Size 4

Trunk Group Table for SW4:

TGID	TP0	TPI	TPC	TP3	TP4	TP5	TP6	TP7	TG
2	26	26	26	26	X	X	$\frac{1}{X}$	IX	Size

Trunk Group Table for SW1:

TGID	TP0	TPl	TP2	TP3	TP4	TP5	TP6	TPT	TG Size
1	1	2	X	X	Х	X	X	l X	2
2	25	25	25	: 3	1 X	X	X	X	4

Trunk Group Table for SW2:

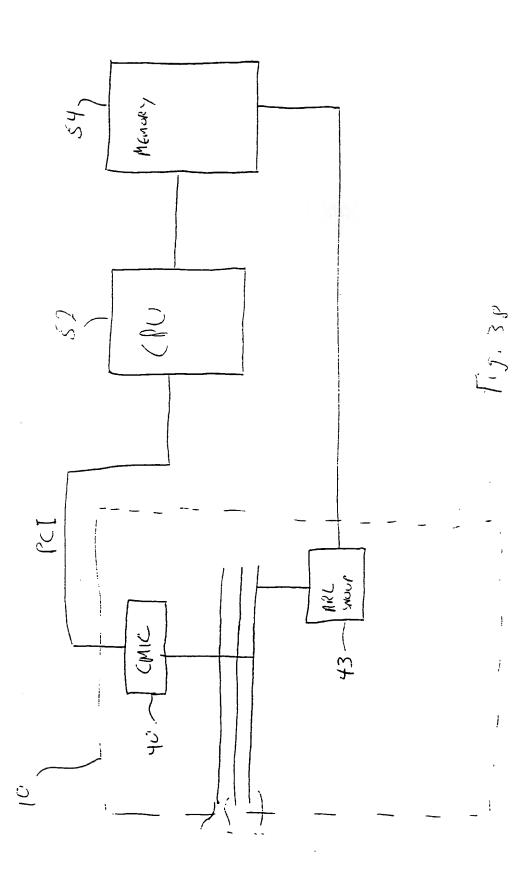
TGID	TP')	TP!	TPC	TP3	TP4	TP5	TP6	TP7	, TG
1	26	26	; X	: X	X	X	X	X	1 2
2	25	1	; 2	26	X	X	X	X	1 +

Trunk Group Table for SW3:

TGID	TPO	TP!	TP2	TP3	TP4	TP5	TP6	TP7	TG Size
1	26	26	X	X	X	X	X	X	2
2	1	26	26	26	X	X	X	X	+

Trunk Group Table for SW4:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG   Size
1	26	26	X	X	X	X	X	X	7 2
2	26	26	26	26	X	X	X	X	<u> </u>



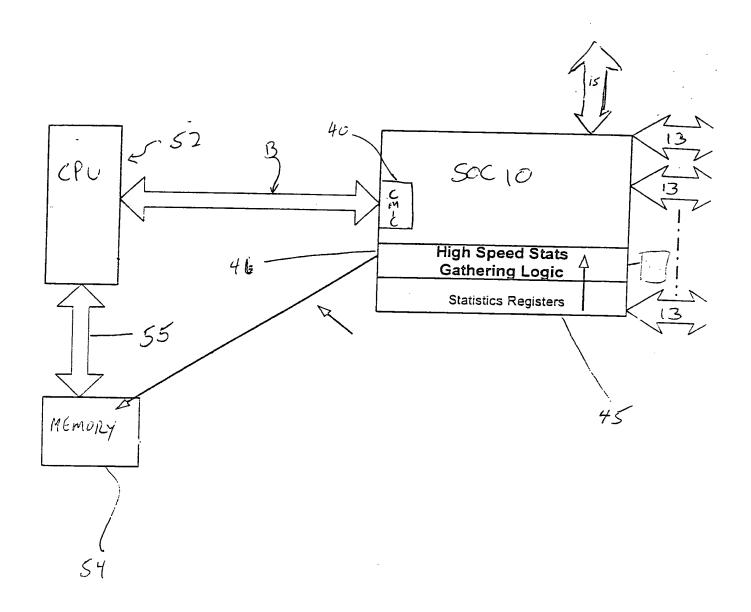
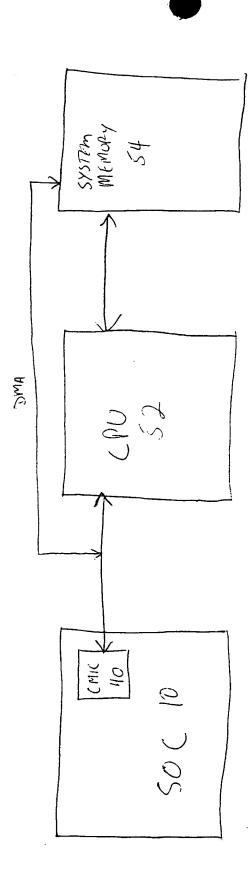
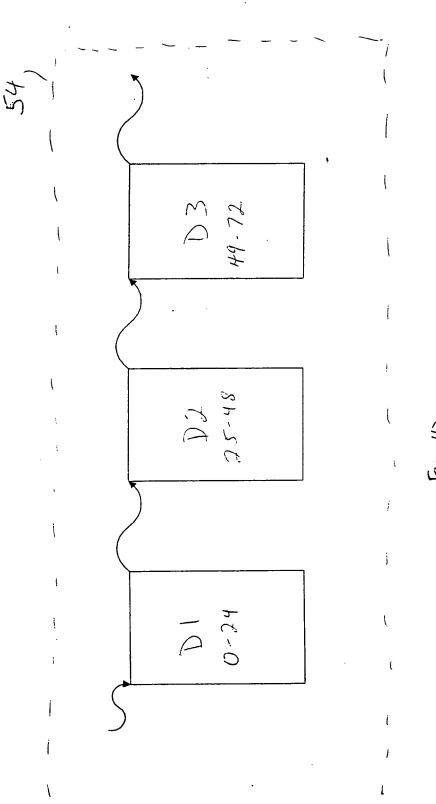


Fig. 39

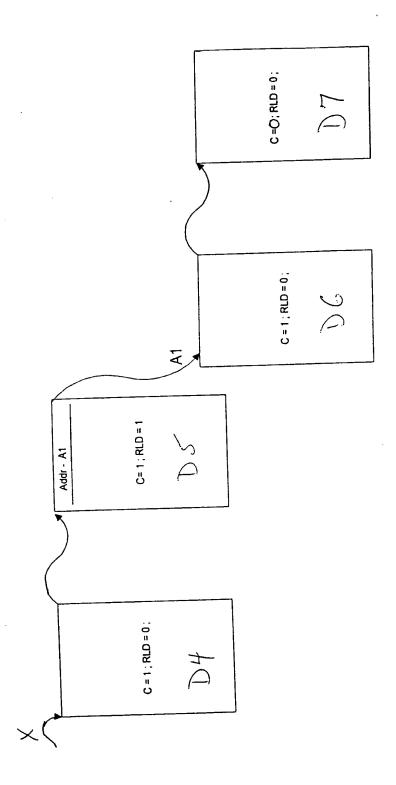
(PU MEMORY FIXED -541 CMIC 80 82 83 STATS Crathering Circa Fry STAT registers TIMER 10

Fig. 40





FS. 52



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